



Community members participate in a die-in organized by MIT Coalition Against Apartheid in protest of the Palestinian-Israeli conflict, Monday, October 30.

THE TECH

Moungi Bawendi speaks about approaching challenges, mentoring trainees, and the developing field of quantum dots

Page 2

Students voice thoughts on recommended housing rate changes at Dormcon meeting

The proposed pricing system would set the flat rate at the price of a tier-2 single

By Srinidhi Narayanan and Jayashabari Shankar

Students expressed concerns regarding proposed changes to MIT's housing rates at a Dormcon general body meeting (GBM) Oct. 26. The meeting was attended by two members of MIT Housing and Residential Services (HRS), Dormcon representatives, and students.

The discussion focused on the potential implications of a proposal to create a unified pricing system for all dorm rooms, regardless of dorm amenities or room type. HRS stated that the rationale for this was to create a more equitable housing environment for all students.

The proposed unified pricing system would set the flat rate at the price of a tier-2 single, resulting in a net price increase for tier-3 dorm residents — affecting those living in Random Hall and in Next House doubles or triples. Senior Associate Dean of Housing and Residential Services David Friedrich said that “our closest peers that have the same commitment to [need blind financial aid] have a housing system that is one price.” He noted that issues of equity “were complicated.”

Student attendants at the GBM

were engaged, asking Friedrich several questions about the proposal. A common thread repeated throughout the meeting was some low-income students' concern that the flat rate would strip them of the benefits that opting into tier-3 housing provided: students explained that “a lot of low income students choose lower housing options to get back money to send home. Some students are willing to make that sacrifice.”

Another student added that they didn't “see why raising the prices is helping because it's removing the option for [them] to choose a cheaper house so that [they] can work less [to support themselves].”

Students expounded on potential consequences related to this point, with one stating that “this could incentivize a lot of students who are low income to consider cheaper off campus housing options... you've punted low income students into independent living groups and off campus apartments that are going to be more removed from campus given transportation.”

The differences in amenities among dorms led some at the meeting to raise questions about the fairness of a uniform pricing

system. Friedrich shared that HRS is working on this issue: “we're trying to level the playing field where there isn't too much variation, [but] there will be a bit.” Some students felt that it would be best to wait until ongoing dorm renovations were completed, allowing for a fair assessment of the housing options available to students.

The meeting concluded with an encouragement for students to continue providing input through various surveys and forms. Students are encouraged to reach out to dormcon-housing-chair@mit.edu for any further questions, and attend the bimonthly meetings with Housing Representatives. Students were also encouraged to contact Friedrich directly with questions or concerns.

The Tech plans to continue reporting on this issue in the coming weeks. To that end, students who feel strongly about this issue in any capacity can reach out to share their thoughts. Quotes and GBM summaries were taken from the Dormcon official meeting notes, which can be found at <https://docs.google.com/document/d/1K1JWagmLDnTuzVuPiiQ1FSp-o5CFxwjkW2vtdlde98/>.



ALEXA SIMAO - THE TECH

MIT Divest turns David Koch's portrait into a grim reaper on Halloween, bringing attention to his role in climate change misinformation, Tuesday, October 31.

IN SHORT

Nov. 2 is the day of the Angelika Amon Young Scientist Award Presentations and Reception at the Koch Institute.

Nov. 3 is the last day to add half-term subjects offered in the second half of term.

EECS's DEI Programming will host a town hall Nov. 6 focusing on college admissions and EECS admissions following the recent Supreme Court decision.

Nov. 11 is Veterans Day. No classes on Friday, Nov. 10!

MIT net assets drop for the second consecutive year

Page 3

SMARTPHONES AND CIGARETTES

OPINION, p. 4

MIT'S JEWISH COMMUNITY

OPINION, p. 4

DRONE DELIVERIES

SCIENCE, p. 5

LIGO'S QUANTUM LIMIT

SCIENCE, p. 8

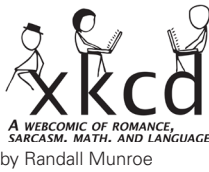


FAMILY WEEKEND CONCERT

ARTS, p. 8

BRIEF TENDER LIGHT

ARTS, p. 9



SECTIONS

Sports 3
Opinion 4
Science 5
Photo Gallery 5
Photo Spread 6
Arts 8
Fun Pages 10



Publisher

William Xu '24

Editor in Chief

Srinidhi Narayanan '24

Managing Editor

Arun Wongprommoon '23

Executive Editor

Eunice Zhang '26

NEWS STAFF

News Editor: Alexander Tang '26; **Staff:** Kylee Carden '23, Eva Ge '26, Julia Fortt '26, Kristina Zhang '27, Jayashabari Shankar '27, Russel Ismael; **Meteorologists:** Phoebe Lin '24 (Chief), Trinity Manuelito '23, Amena Khatun '23, Rine Pan '24, Adrienne Lai '25.

PRODUCTION STAFF

Editor: Ellie Montemayor '26; **Staff:** Lindsay Reyes '26.

ARTS STAFF

Editor: Anahita Srinivasan '25; **Staff:** Mureji Fatunde G, Lani Lee G, Vyshnavi Vennelakanti G, Victoria Dzieciol '23, Jamie Fu '23, Nyssa Miller '23.

PHOTOGRAPHY STAFF

Editor: Kate Lu '25; **Associate Editor:** Maxwell Yun '21; **Staff:** Rila Shishido '23, Cady Boronkay '24, Alexander Laiman '24, Amina Abdalla '25, Olivia Lee '25, Alexa-Rae Simao '25, Omar Orozco '25, Melissa Jimenez Camejo '25, Michelle Xiang '26, Shinjini Ghosh G, Michele Gabriele.

CAMPUS LIFE STAFF

Editor: Vivian Hir '25. Alor Sahoo '26.

SPORTS STAFF

Hannah Friedman '27.

COPY STAFF

Copy Chief: Jyotsna Nair '25; **Staff:** Michael V. Bhopaul '24, Noura Attili '26, Sabine Chu '26, Geoffrey Enwere '26.

BUSINESS STAFF

Operations Manager: Alvin Chen '25; **Staff:** Julia Situ '23, Christina Lee '25.

SOCIAL MEDIA STAFF

Editor: Frankie Schulte '24.

ADVISORY BOARD

Paul E. Schindler, Jr. '74, Barry S. Surman '84, Deborah A. Levinson '91, Saul Blumenthal '98, Daniel Ryan Bersak '02, Eric J. Cholankeril '02, Marissa Vogt '06, Austin Chu '08, Michael McGraw-Herdeg '08, Marie Y. Thibault '08, Angeline Wang '09, Jeff Guo '11, Anne Cai '14, Jessica L. Wass '14, Bruno Faviero '15, Kali Xu '15, Leon Lin '16, Kath Xu '16, Lenny Martinez Dominguez '17, Charlie J. Moore '17, William Navarre '17, Emma Bingham '19, Nafisa Syed '19, Áron Ricardo Perez-Lopez '20, Nathan Liang '21, Joanna Lin '21, B. D. Colen.

EDITORS AT LARGE

Senior Editors: Ben Kettle '22, Caroline Bao '23, Laura Schmidt-Hong '23, Wenbo Wu '23, Erika Yang '23.

PRODUCTION STAFF FOR THIS ISSUE

Editor: Ellie Montemayor '26. **Copy Editor:** Jyotsna Nair '25.

The Tech (ISSN 0148-9607) is published on Thursdays during the academic year (except during MIT vacations) and monthly during the summer by The Tech, Room W20-483, 84 Massachusetts Avenue, Cambridge, Mass. 02139. Subscriptions are \$50.00 per year (third class). **POSTMASTER:** Please send all address changes to our mailing address: The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029. **TELEPHONE:** Editorial: (617) 253-1541. Business: (617) 258-8324. Facsimile: (617) 258-8226. *Advertising, subscription, and typesetting rates available.* Entire contents © 2023 *The Tech*. Printed by Graphic Developments, Inc.

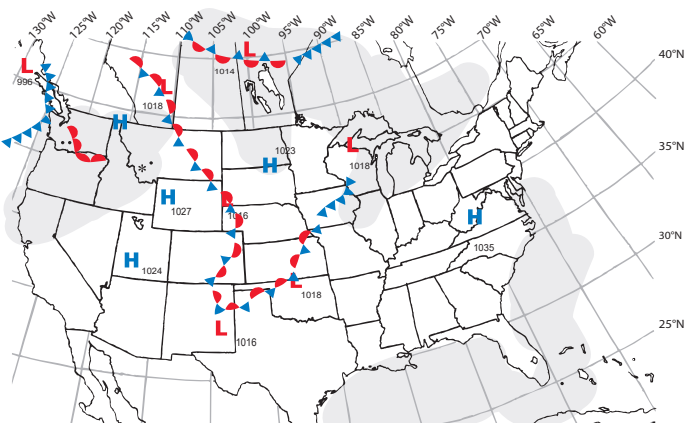
WEATHER

Moderate start to November

By Alura Lahn
METEOROLOGIST

There's a high-pressure system over the northeast in the coming days giving us a hopefully dry weekend. Light winds on Friday may feel chilly but the weekend ahead looks to be warmer. This weekend could be a great opportunity to take a break by getting outside to enjoy some more moderate temperatures be-

fore we cool down in time for winter. There are fall leaves on the ground but no snow quite yet, but it might be time to start thinking about unearthing your winter gear.



Situation for Noon Eastern Time, Thursday, November 2, 2023

Weather Systems	Weather Fronts	Precipitation Symbols		Other Symbols
		Snow	Rain	
H High Pressure	- - - Trough	⋄	∇	☁ Fog
L Low Pressure	⬮ Warm Front	⋄	∇	⚡ Thunderstorm
§ Hurricane	⬮ Cold Front	*	•	∞ Haze
	⬮ Stationary Front	**	••	Compiled by MIT Meteorology Staff and The Tech
		***	•••	

Extended Forecast

Today: Mostly sunny. High around 45°F (7°C). West winds around 7-12 mph.
Tonight: Mostly clear. Low around 37°F (3°C). Southwest winds around 7-12 mph.
Friday: Mostly sunny. High around 53°F (12°C) and low around 46°F (8°C). Southwest winds around 13-18 mph.
Saturday: Mildly cloudy. High around 58°F (14°C) and low around 45°F (7°C). West winds around 5-10 mph.
Sunday: Mostly cloudy. High around 62°F (17°C) and low around 49°F (9°C). Southwest winds around 7 to 12 mph.

Moungi Bawendi speaks about approaching challenges, mentoring trainees, and quantum dots

Bawendi: “Research is really about problem solving and not being discouraged by failure—just keep on going.”

By Russel Ismael, Jayashabari Shankar, Alex Tang, and Tina Zhang

MIT Chemistry professor Moungi Bawendi was awarded the Nobel Prize in Chemistry jointly with Louis E. Brus and Aleksey Yekimov on Oct. 4 for “the discovery and development of quantum dots, nanoparticles so tiny that their size determines their properties”

The Tech spoke with Dr. Bawendi about his approach to and the content of his work. This interview has been edited for length and clarity.

TT: Can you describe your work in one sentence?

Bawendi: We’re exploring how to make and the properties and applications of materials that are in the size range between molecules and materials.

TT: Can you describe the most challenging moment that you and your team faced when creating quantum dots, and how you overcame them?

Bawendi: Before I came to MIT, I had devised a method to make quantum dots of one particular size at Bell Labs, and it worked. When I came to MIT, we tried to reproduce that—and it didn’t work, and I thought my career was over.

We had to start over from scratch and reinvent how to make the material, and through that reinvention process, we devised a new way to make quantum dots based on what I had learned from Bell Labs. This reinvention is what led to the invention of a well-defined process of creating these really well-defined particles, which then allowed us to be able to make other applications and so on.

The challenge was that nothing worked, and it took us about a year and a half—almost two years—to reinvent everything, and when we did that, it was so much better than before. That was my first paper at MIT, written in 1993, and that’s what we got the Nobel for.

Overcoming that challenge is what led to this paper. Suddenly we had a way to make a series of materials of good enough quality that you can really begin to understand the physics of the evolution from molecules to the bulk. And a few years later there was the first real application in ’96 and ’97. In ’98, there was the first company created to work in biological applications. In ’04, there was another company [whose work] led to the commercial applications of displays.

TT: Can you talk to us about your mentality in approaching difficult scientific and engineering questions?

Bawendi: We work as a team. As a professor, I don’t really do much hands-on work anymore, but I have always been working closely—especially back then—with the students.

My job is to keep up the enthusiasm and persevere. Research is slow and things don’t usually work the first time. You have to have a vision of what you want, and you have to solve problems. Research is really about problem solving and not being discouraged by failure—just keep on going.

TT: What possibilities can we see in the field of quantum dots that you can imagine in the next 20 or 30 years?

Bawendi: I’ll tell you some possibilities, which may or may not happen. People are working in areas called photocatalysis. Basically, using light to catalyze chemical reactions of all sorts, including chemical reactions that could help harness energy from the sun for potential fuels... I am interested in the light output of these materials at room temperature one at a time. There’s a kind of light called “quantum light” that can be manipulated and used for quantum computing or quantum cryptography. There are many groups on campus that work on similar kinds of schemes with single photons that you can then coalesce together to form systems that are super interesting.

We have some preliminary data that seems to show that some of these materials at room temperature could be single photon emitters and could have these quantum properties. And it would be really cool if we could then arrange these materials in arrays and really scale this out. So, I’m really excited about that.

There are other people working on other applications. One application that I think is really interesting is to use these materials as photodetectors because right now, in the visible, you have silicon, and in the infrared, you have other kinds of materials.

TT: Does synthesizing quantum dots or using them in real-world applications have unintended impacts toward the environment? Are you working on ways to address this?

Bawendi: That’s an important question. This is something that we certainly had in mind when we think about applications. Companies have thought really hard not just about the hazardous waste regulations but also what happens in the real world. These dots are embedded within glass. The risk of release of the hazardous material is very very small.

TT: What qualities do you believe are most valuable in the making of a good mentor? How have you incorporated that into your mentorship approach?

Bawendi: It’s nice to be able to guide students to be able to achieve their very best. And that means that the student is able to grow as an independent researcher. I don’t tell everybody what to do. I have to provide a vision and the tools for them to be able to succeed towards that vision. In the end, they might end up something different from what I expected. As they solve those problems, we work together and then I recognize something that they don’t because I have more experience than they do and then I can choose a direction. Ultimately, my job is to get them to become independent and successful.

Sol. to ABRACADABRA

from page 10

A	R	O	S	E		F	E	E	T		A	R	E					
R	O	L	L	S		D	E	L	T	A		T	A	X				
M	A	G	I	C		M	A	R	K	E		R	E	K				
S	N	A	P			U	R	N			M	A	T	E	S			
						U	G	L	Y		S	T	A	S	H			
						S	P	E	L	L	C	H	E	C	K	E	R	S
C	O	A	S	T			H	O	E		S	C	A	T				
R	U	N		S	A	P	I	E	N	T		O	R	A				
O	C	T		B	A	N					I	M	S	E	T			
C	H	A	R	M		B	R	A	C	E	L	E	T					
						C	Z	A	R	S		H	A	L	E			
P	O	L	O	S						N	O	S		R	E	G	S	
U	S	A			T	R	I	C	K		T	A	K	I	N	G		
B	L	U			E	E	R	I	E		C	A	R	A	T			
S	O	S			R	Y	E	S			S	T	E	W	S			

Sol. to Key Three

from page 10

T	O	L	D		E	R	A		I	N	N						
E	R	I	E		R	E	C		C	O	O						
A	N	S	W	E	R	S	H	E	E	T	S						
B	A	T			B	O	O	E	R		M	E	A	L	S		
A	T	E			B	R	R		R	U	E		L	I	T		
G	E	N	T						T	R	A	P					
					I	O			I	N	F	O		H	E	M	
P	I	A	N	O	S	A	N	D	O	R	G	A	N	S			
A	D	D			O	A	T	S		R	E	P					
S	E	A			G	L	E	E		S	A	M	E				
T	A	P			P	E	A		A	S	H		T	I	S		
A	L	T	A	R		S	C	R	A	M		T	L	C			
					S	O	U	T									
					I	N	K		O	U	T		P	R	E	P	
					A	G	E		P	L	Y		M	E	R	E	

Sol. to Bi-Roads

from page 10

P	C	O	R		U	Z	I	S		A	H	E	A	D			
D	O	K	E		N	E	S	T		T	A	X	C	O			
F	O	R	D		T	H	U	N	D	E	R	B	I	R	D		
S	P	A	C	I	E	S	T			W	A	I	T	E	D		
					A	N	A			B	E	N	T				
H	A	R	V	A	R	D			Y	A	R	D			S	M	U
A	C	A	I		D	O	O	R		O	C	E	A	N			
H	I	D	A		C	U	B			M	R	A	N				
A	D	O	R			O	T	R	A		A	M	O	I			
S	S	N			R	I	C	H	A	R	D		B	Y	R	D	
					F	O	L	K			R	U	R				
M	I	R	A	G	E		A	N	A		L	O	G	U	E		
E	D	O	U	A	R	D		V	U	I	L	L	A	R	D		
L	E	A	S	T		B	I	N	G		L	P	G	A			
D	A	N	T	E		A	S	S	N		S	E	E	M			

SPORTS BLITZ

Friday, October 20th:

Women’s Volleyball

defeated Williams College 3–0

Saturday, October 21st:

Men’s Water Polo

defeated Washington and Jefferson College 22–7

Women’s Lightweight Collegiate 2x:

15th of 18 at Head of the Charles

Women’s Openweight Crew Club 4:

6th of 51; Club 8 “A”: 18th of 40; Club 8 “B”: 9th of 40 at Head of the Charles

Men’s Lightweight Club 8+:

13th of 35 at Head of the Charles

Men’s Heavyweight Crew Club 8+:

27th of 35 at Head of the Charles

Women’s Volleyball

defeated Middlebury College 3–0

Football defeated

Maritime College 35–28

Field Hockey

lost to Babson College 2-5

Women’s Soccer

defeated Worcester Polytechnic Institute 4–0

Men’s Soccer

lost to Babson College 0–2

Men’s Water Polo

defeated Penn State Behrend 23–3

Women’s Volleyball

defeated Tufts University 3–0

Sunday, October 22nd:

Sailing

placed 9th at United States Coast Guard Academy, 9th at Yale University, and 8th at MIT

Men’s Water Polo

defeated Johns Hopkins 12–8

Women’s Lightweight LW4:

10th of 11; LW8: 5th of 5 at Head of the Charles

Men’s Lightweight 8+:

9th of 14 at Head of the Charles

Men’s Heavyweight Crew

Collegiate 8+: 9th, 24th of 42 at Head of the Charles

Women’s Soccer

lost to Colby College 0–4

Tuesday, October 24th:

Women’s Volleyball

defeated Clark University 3–0

Wednesday, October 25th:

Women’s Soccer

defeated Wellesley College 2–0

Men’s Soccer

lost to Worcester Polytechnic Institute 0–2

Field Hockey

defeated Roger Williams University 4–1

Friday, October 27th:

Men’s Swimming and Diving

lost to Harvard University

Women’s Swimming and Diving

defeated Northeastern 159–138

Saturday, October 28th:

Men’s Heavyweight Crew

Collegiate 8+: 2nd; Collegiate 2V8+: 3rd, 11th; Collegiate 4+: 19th at Head of the Fish

Women’s Openweight Crew

Collegiate 8+: 1st of 19; Collegiate 2V8+: 1st, 5th, and 20th at Head of the Fish

Men’s Cross Country

won the NEWMAC Championship!

Women’s Cross Country

won the NEWMAC Championship!

Rifle

defeated Plattsburgh State 4283–3805

Rifle

defeated United States Coast Guard Academy 4283–4187

Football

defeated Norwich University 29–26

Men’s Water Polo

lost to Iona University 10–11

Women’s Soccer

defeated Emerson College 3–0

Field Hockey

defeated Salve Regina University 8–1

Men’s Water Polo

defeated LIU 14–8

Men’s Soccer

lost to Wheaton College 2–3

Sunday, October 29th:

Sailing

placed 2nd at Boston University, 3rd at Brown University, 5th at Tufts University, and 7th at MIT

Rifle

defeated Plattsburgh State 4197–3905

Men’s Water Polo

lost to Princeton University 11–16

Tuesday, October 31st:

Field Hockey

NEWMAC First Round

Men’s Soccer

NEWMAC First Round

Women’s Soccer

NEWMAC First Round

MIT net assets drop for the second consecutive year

The endowment fell by 4.4%, from \$24.6 billion to \$23.5 billion

By Russel Ismael and Josh Nix

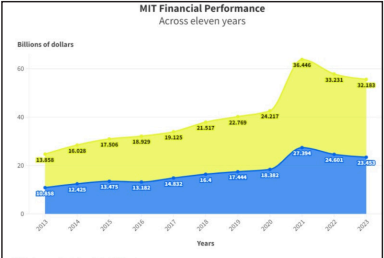
MIT reported a loss in net assets for the fiscal year ending June 30, 2023. According to the Report of the Treasurer, the Institute’s return on pooled investments saw a 2.9% loss in the fiscal year.

The endowment fell by 4.4%, or about \$1.1 billion, from \$24.6 billion in 2022 to \$23.5 billion. The endowment is the largest component of MIT’s overall investments and excludes pledges.

Executive Vice President and Treasurer Glen Shor attributed the endowment drop to the underperformance of venture capital firms, stating that “retrenchment in the valuations of venture capital portfolio companies affected [our] performance.” Shor acknowledged that MIT’s strategy “is heavily weighted toward less efficient markets.”

In the pool of peer institutions, MIT was among the few that experienced a dip in endowment value in the past fiscal year. Shor said that MIT’s investment policy “favors equity investments over fixed-income investments” in the report. Harvard “increased its allocation to fixed-income securities” according to the university’s financial report for the fiscal year 2022.

According to the same report, Harvard had investment returns of



RUSSEL ISMAEL—THE TECH

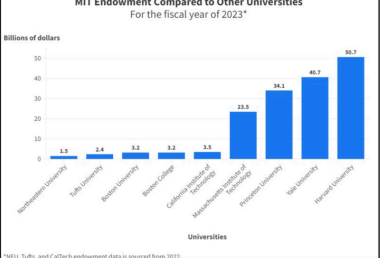
MIT assets and endowment values over the past 11 years.

2.9%. Stanford and Yale reported investment returns 4.4% and 1.8%, respectively.

MIT ended the fiscal year with a net gain of \$317.1 million. Shor acknowledged that despite a challenging fiscal year, MIT experienced great success from philanthropic efforts, raising \$553.3 million. Shor credited the success to “fiscal discipline and investment acumen, as well as support from alumni, friends, and partners.”

Shor also shared that operating costs increased by 8.6% — \$344.9 million — from \$3.993 billion in 2022 to \$4.338 billion. These expenses include worker salaries and benefits, supplies, utilities, rent, and maintenance repairs. \$44.1 million went towards expenses at the Lincoln Laboratory in Lexington, Massachusetts.

The financial report noted that



RUSSEL ISMAEL—THE TECH

MIT’s endowment value compared with other universities.

the Institute holds its students in high esteem, as students bring “knowledge to the world and [advance] research and innovation.”

MIT will continue to provide tuition to undergraduates whose families have less than \$140,000 in household income for the 2024 fiscal year.

Furthermore, graduate students will receive 676 new beds for the Graduate Junction residential area, satisfying the promise made in 2017 of having 950 beds for graduate student housing. Additionally, the Institute spent \$450 million on construction-related projects, with MIT working to maintain current buildings.

Shor concluded his report by saying that the Institute begins fiscal 2024 “energized by President Kornbluth’s vision and ever-excited about MIT’s present and future.”

Upcoming Sports Events

SATURDAY 4

Field Hockey

NEWMAC Championship

Men’s Soccer

NEWMAC Championship

Women’s Soccer

NEWMAC Championship

Rifle

vs Norwich University

8:30 a.m.

Men’s Fencing

at Smith College

9 a.m.

Women’s Fencing

at Smith College

9 a.m.

Men’s Water Polo

vs Brown University

11 a.m.

Women’s Volleyball

at Smith College

12 p.m.

Men’s Swimming and Diving

at Springfield College

12 p.m.

Women’s Swimming and Diving

at Springfield College

12 p.m.

SUNDAY 5

Men’s Water Polo

at Harvard University

9 a.m.

TUESDAY 7

Men’s Squash

vs Northeastern University

6 p.m.

Women’s Volleyball

at NEWMAC Quarterfinal

7 p.m.

WEDNESDAY 8

Field Hockey

vs NCAA First Round

Women’s Basketball

vs Emmanuel College

7 p.m.

Men’s Basketball

at UMass Dartmouth

7 p.m.

FRIDAY 10

Women’s Basketball

at NYU

5 p.m.

Men’s Squash

vs Western University

5 p.m.

Men’s Basketball

at Rhode Island College

7 p.m.

SATURDAY 11

Women’s Soccer

vs NCAA First Round

Field Hockey

vs NCAA Second Round

Women’s Volleyball

vs NEWMAC Semifinal

1 p.m. / 3:30 p.m.

Men’s Cross Country

at NCAA East Regional Championship

11 a.m.

Women’s Cross Country

at NCAA East Regional Championship

12 p.m.

Men’s Squash

at University of Rochester

12 p.m.

Football

vs Worcester Polytechnic Institute

1 p.m.

Women’s Basketball

at WashU St. Louis

1 p.m.

SUNDAY 12

Women’s Soccer

vs NCAA First Round

Field Hockey

vs NCAA Quarterfinal

Rifle

vs Norwich University

9:30 a.m.

Women’s Volleyball

vs NEWMAC Championship

1 p.m.

Men’s Squash

at St. Lawrence University

2 p.m.

TUESDAY 14

Women’s Basketball

vs Colby College

7 p.m.

WEDNESDAY 15

Women’s Fencing

at Beanpot (Brandeis University)

6 p.m.

Men’s Fencing

at Beanpot (Brandeis University)

6 p.m.

Men’s Basketball

vs Endicott College

7 p.m.

101 THINGS TO DO BEFORE YOU GRADUATE

32. Take a stroll through Little Italy in the North End

Join the Arts department at The Tech and write restaurant reviews.

(And get reimbursed for your meal!)

pleasurable but addictive

GUEST COLUMN

To Jews with connections to Israel, the word “intifada” is associated with suicide bombings, terrorism and the wanton loss of innocent life

This is not the first time Jews have heard the word "intifada." Most recent in our memory is the Second Intifada, a series of violent attacks against Israel in which 3,000 Pales-

Over time, the repetitive behaviors of checking my phone contributed to an obsession, which made it feel like a behavioral addiction. I detested how distracted I was: I couldn't control myself from doing something that was mentally harming me. Instead, I let myself re-

This addictive aspect is why website-blocking apps such as Freedom exist to limit our time on our phones. Ironically, it is by forcing ourselves to have less freedom to do what we want on our devices

Vivian Hir is a junior majoring in Computer Science and Molecular Biology. Previously, she wrote an opinion article on The Tech about the negative effects of social media.

OPINION POLICY

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority.

TO REACH US

The Tech's telephone number is (617) 253-1541. Email is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to general@tech.mit.edu, and it will be directed to the appropriate person. You can reach the editor in chief by emailing eic@tech.mit.edu. Please send press releases, requests for coverage, and information about errors that call for correction to news@tech.mit.edu. Letters to the editor should be sent to letters@tech.mit.edu. *The Tech* can be found on the World Wide Web at <http://thetech.com>.



Pumpkin explodes at East Campus’s annual Pumpkin Drop at Tang Hall, Saturday, October 28.

OMAR OROZCO—THE TECH



Players encounter a zombie in Next Haunt’s haunted escape room.

PHOTO COURTESY OF NEXT HAUNT



Students enjoy ice cream at the annual East Campus Halloween event.



Halloween 2023



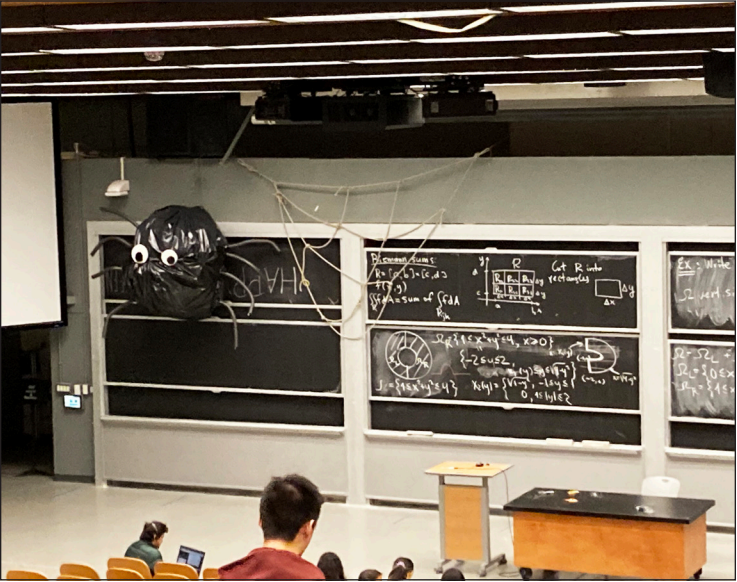
Parents and students watch as 160 pumpkins are dropped off the roof of Tang Hall.

OMAR OROZCO—THE TECH



MIT Video Game Orchestra performs student arrangements of video game music at Activities Midway.

KATE LU—THE TECH



A giant spider lurks in the corner of 26-100 on Halloween.

ALEXA SIMAO—THE TECH



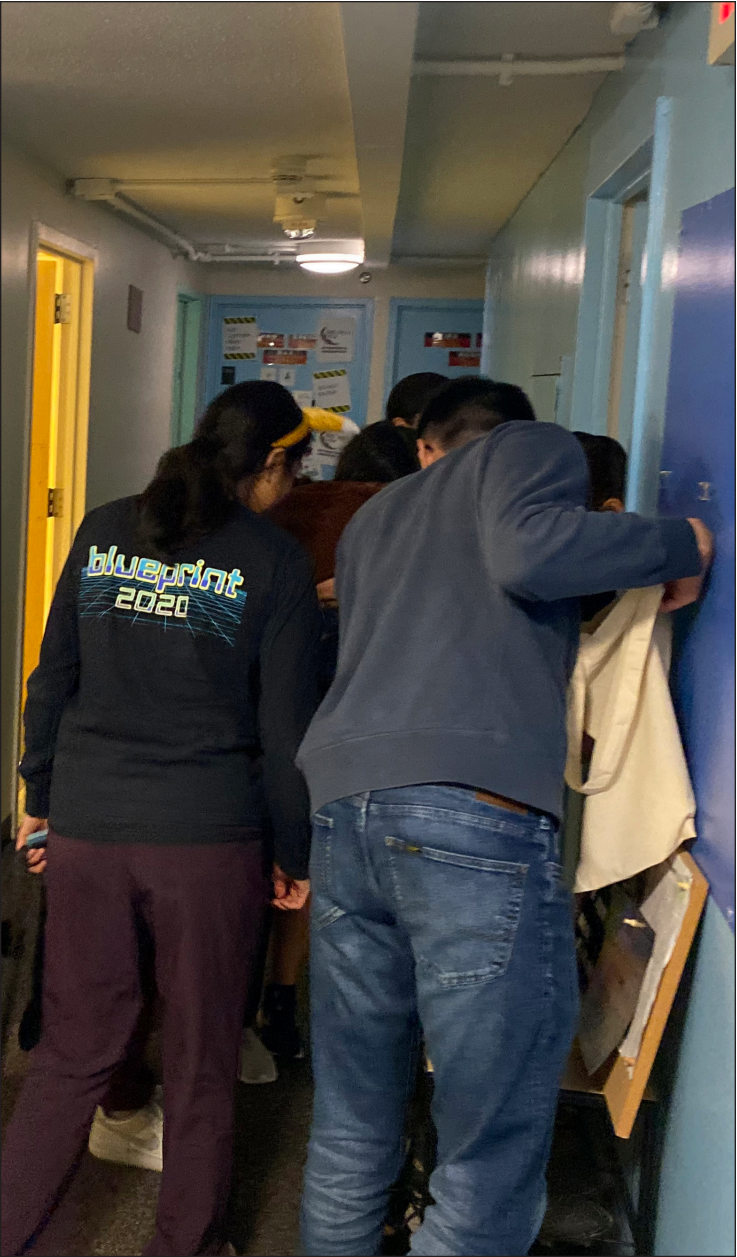
ast Campus Pumpkin Drop.

OMAR OROZCO—THE TECH



One of Next Haunt's puzzles.

KATE LU—THE TECH



Residents of Next House go trick-or-treating on Halloween.

KATE LU—THE TECH



01 Got up from a chair
06 What socks surround
10 "Ready when you ___!"
13 Tosses, as dice
14 River mouth shape
15 Payroll deduction
16 Poster maker's pen
18 ___ out a living (just manage)
19 Gingery cookie
20 Large coffee dispenser
21 Wives or husbands
23 Hostile, as a crowd
25 Hidden supply
27 Word processors' typo features
31 Shoreline
33 Gardening tool
34 "Shoo!"
35 Hurry away on foot
36 Very wise
40 Feast ___ famine
41 Quadri- doubled
43 Official prohibition
44 "Don't need anything else"
46 Wrist adornment
50 Business magnates
51 ___ and hearty (robust)
52 Casual shirts

54 ATM keypad array
55 Bylaws, for short
59 It's north of Mex.
60 Bridge game
activity
64 ___-ray Disc
65 Bizarre and scary
66 Jeweler's measure
67 "Send help" signal
68 Sandwich loaves
69 Slow-cooked meals

DOWN

- 01 Sweater's sleeves
- 02 Reddish-brown horse
- 03 Gymnast Korbut
- 04 Minor mistakes
- 05 "Undo" PC key
- 06 Common office plant
- 07 Animal with antlers
- 08 Hot season in Paris
- 09 Airport pavement
- 10 Absorbed an expense
- 11 Leaf-gathering tool
- 12 Former partners
- 13 Actress Hannah or rock singer Oates
- 17 Think (over)
- 22 Seeks an answer
- 24 Understands
- 25 It surrounds a sock
- 26 Typical high schooler

27 Once-a-year sleigh driver
28 Great Wall locale
29 Scarcer than scarce
30 Physician's "Now!"
31 Gator's cousin
32 "That smarts!"
37 Shortened word, for short
38 Golf scorecard numbers
39 Cash drawer
42 Rice-shaped pasta
45 One of two *Lion King* pals of Simba
47 Become proficient in
48 Carburetor valve in old cars
49 Where the sun is each morning
52 Where pints cost pounds
53 Scandinavian capital
54 CBS crime franchise
56 Dublin's land
57 Chew like a rat
58 Police dept. supervisors
61 Marina Del ____, CA
62 Angry emotion
63 Coolers in VWs

Key Three by Stanley Newman

Solution, page 2



01 Related
05 Major time span
08 Stopping place
11 Detroit River's destination
12 Pastimes, for short
13 Murmuring voice
14 Teachers' keys
17 Cricket gear
18 Disenchanted fan
19 What board includes
23 Had 19 Across
24 Wintry complaint
25 Fret about
27 Kindled
28 Nice guy
30 Hem in
32 Undivided
33 Letters of credit
36 Stats, for instance
38 Be indecisive
39 Instruments with keys
44 Write further
45 Mare fare
46 Street cred
47 Vast quantity
48 Great joy
50 Unvaried
54 Draw off
55 Whistle insert
56 Gray shade
59 McCourt book
60 Rite place

62 Evacuation order
64 Special attention
65 Atlantic/Gulf region
with keys
68 Press coverage
69 Napping
70 Early attention
71 Major time span
72 Work hard at
73 Trivial

DOWN

01 Pouch to dunk
02 Highly decorated
03 Tune in
04 Wet beads
05 It isn't right
06 Vacation spot
07 Longing
08 Water coole
09 Claim of innocence
10 Airplane part
15 Go away slowly
16 Quick task
20 Hawaiian welcome
21 Much hotel laundry
22 Botanical supports
26 Excited about doing
29 Pewter part
31 Run under water
34 Symbolic hugs
35 How words function
37 29 Down source
39 Elbows on the table
40 Best imaginable

41 Fix to suit
42 After much waiting
43 Rental car option
49 Vigorous scolgin
51 What's worn
52 Weather forecast
word
53 Leak out
55 Trident point
57 Snack category
58 Insurance co.
61 Where oranges
originated
63 Blender setting
66 Mandolin cousin
67 Dash letters

Bi-Roads by Billie Truitt

Across

01 Mac (laptop choice)
05 Commando arms
09 In the offing
14 Okey follower
15 Settle in snugly
16 Mexican silver city
17 American Graffiti
auto
20 Most out of it
21 Stood by
22 NHL's Ducks
23 Inclination
24 Ivy's center
29 Laura Bush
alma mater
32 Smoothie flavor
33 Word with stage
or storm
34 Hurricane's origin
36 Athlete's on-air
greeting
38 Babe in the woods
39 Mrs.

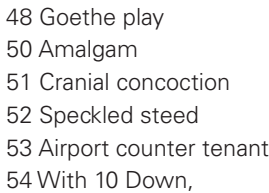
40 Treasure
41 Another: Sp.
43 Parisian possessive
44 ID with dashes
45 Aerial Antarctic
explorer
48 Of the people
49 Play that introduced
"robot"
50 It's not really there
53 Something
comparable
58 French avant-garde
painter
60 Minimal
61 Google alternative

Down

- 01 Web manuals, often
- 02 Condo kin
- 03 Southern fried fare
- 04 Salmon product
- 05 Not listened to
- 06 Helen's father
- 07 Fails to be

08 No-frills, for short
09 Properly, for a lottery
drawing
10 See 54 Down
11 Turnoff
12 Part of some parcels
13 ____-Frank Act
18 Jukebox musical with
"Proud Mary"

19 Fancy jug
23 Yenti portrayer
24 Laughter
25 Lab supplies
26 Home inspector's concern
27 Spider-Man opponent
28 Early days
29 Disreputable
30 Posh dwelling
31 Reversed
35 Seafood served with cole
slaw
37 Disparage
42 Accuse formally
46 A.J. Soprano portrayer
47 Mind-numbing



ecclesiastical attire
55 Show astonishment
56 Inner incentive
57 Dutch export
59 Corporate AKA

Debate: Is STEM Systemically Racist?

Co-Presented by the Adam Smith Society and
MIT Free Speech Alliance



Moderated by Nadine Strossen

Past President, American Civil Liberties Union

Tonight!
8:00 p.m.
Wong Auditorium
(E51-115)

*Free Admission (Scan QR for
more information)*

*Refreshments Served in Lobby
Starting at 7:00 p.m.*



Featuring:

- Chad Womack, VP of National STEM Programs, United Negro College Fund
- Jaret Riddick, Senior Fellow, Center for Security and Emerging Technology, Georgetown University
- Luana Maroja, Professor of Biology, Williams College
- Erec Smith, Associate Professor of Rhetoric, York College of Pennsylvania and President/Co-Founder, Free Black Thought



Scan to register:



*Stream live at
[YouTube.com/@MITFreeSpeech](https://www.youtube.com/@MITFreeSpeech)*

